



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Wednesday, August 17



Day 1 (Wednesday): Critical fire weather conditions are forecast across many of the northern California mountains, including the northern Sierra, due to an increased threat for dry lightning today and tonight. Moderate to high heat risk impacts will also persist for many inland areas this afternoon and evening. Scattered thunderstorms are also expected over southeast California today, with locally heavy rainfall and flash flooding possible.



Weather Risk Outlook

Regional Operations Center
Western Region
Wednesday, August 17

	Wed, Aug 17	Thu, Aug 18	Fri, Aug 19	Sat, Aug 20	Sun, Aug 21	Mon, Aug 22	Tue, Aug 23			
Fire Weather Low RH / Wind / Dry T-Storms	Coastal/ Inland (North)	Inland (North)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
Thunderstorms Wind / Hail / Tornadoes	All Regions	Inland (Mtns)/ Southern	Southern	Southern	Southern					
Heat	Inland/ Southern	Inland/ Southern	Inland	Inland	All Areas	All Areas	All Areas			
Cold										
River Flooding										
Wind										
Heavy Rain Flash Flooding / Debris Flow	Inland (Sierra)	Southern	Southern	Southern						
Snow										
Coastal Flooding										
Risk Levels	Little to None		Minor		Moderate		Major		Extreme	



Weather Key Points

Regional Operations Center

Western Region

Wednesday, August 17

- Critical fire weather conditions are forecast across many of the northern California mountains and foothills on Wednesday due to a high potential for dry lightning strikes
 - New fire starts are possible from lightning, with gusty and erratic winds are also possible near any thunderstorms
 - Additional elevated to critical fire weather conditions due to dry lightning are possible on Thursday across the northern mountains and foothills
- Moderate to locally high heat risk impacts persist for many inland areas into the weekend, with a gradual cooling trend statewide into early next week
 - Daytime high temperatures of 95 to 108°F will be noted each afternoon, while overnight lows will remain in the 60s and 70s
- Outside of dry thunderstorms across the north, scattered showers and thunderstorms will continue most afternoons across the southern mountains and deserts through the weekend, with a few storms also forecast along and east of the Sierra through Friday
 - A few storms will remain capable of producing locally heavy rainfall, which may lead to flash flooding, especially across far southeast California

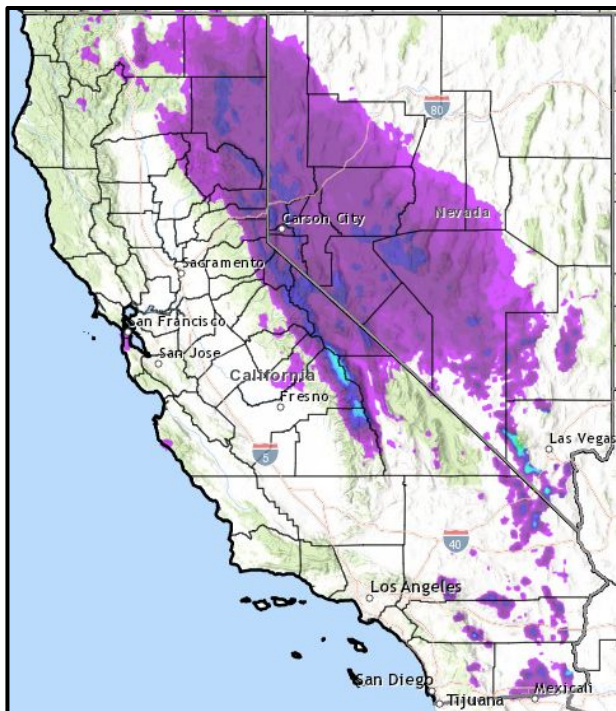


Precipitation Forecast

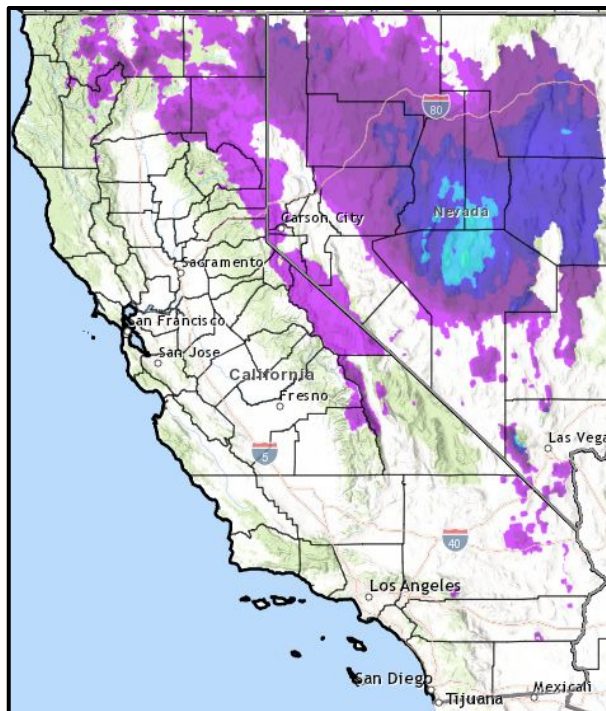
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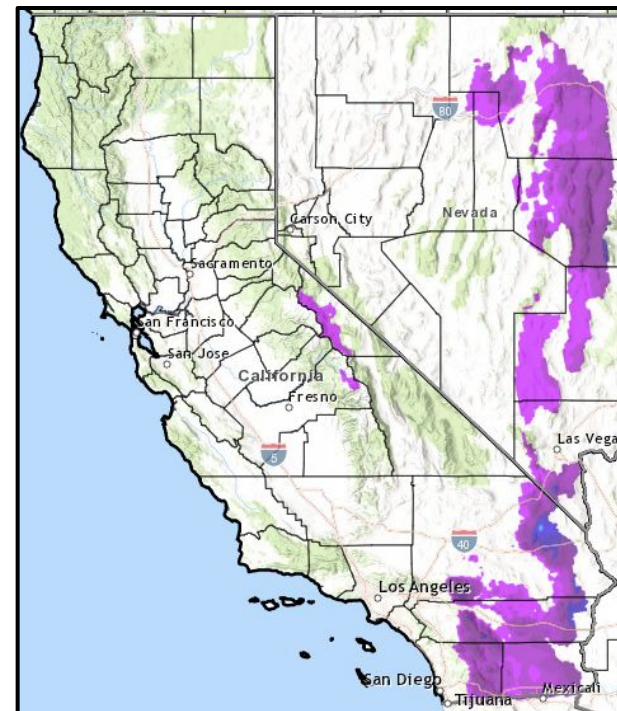
Wednesday, August 17



Wednesday



Thursday



Friday

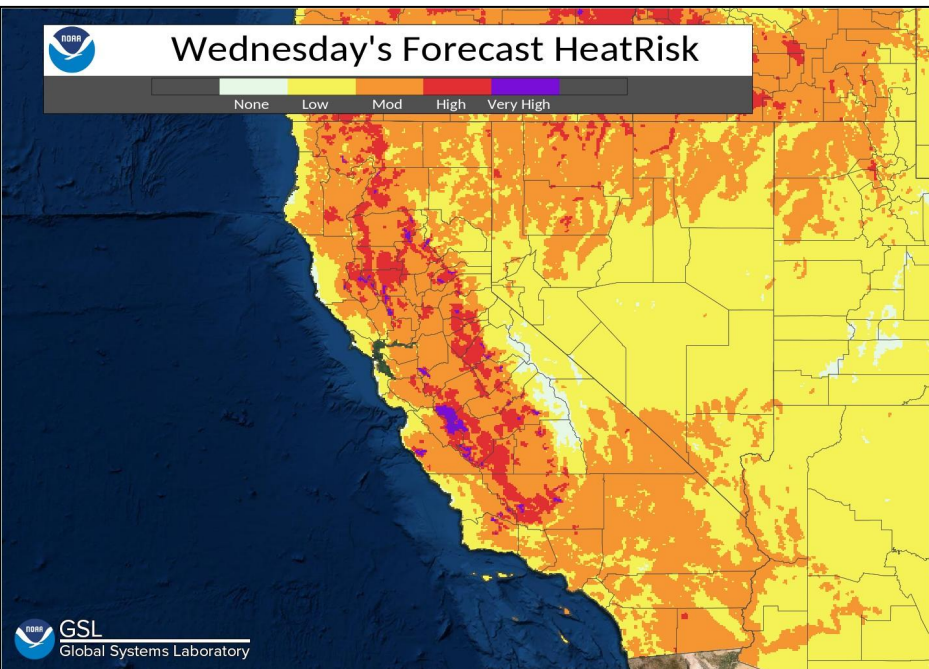
Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



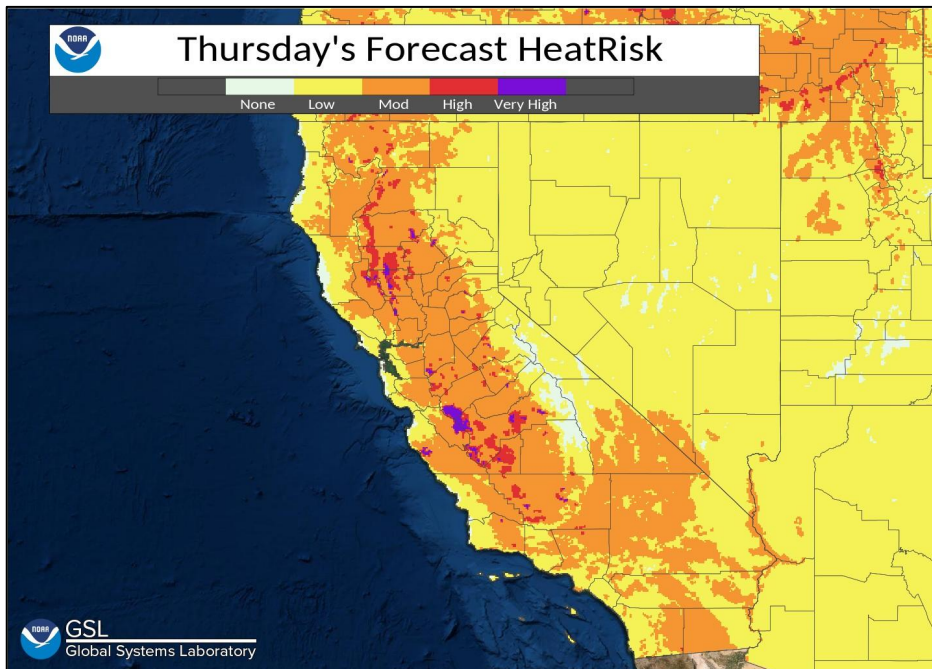
Wednesday's Forecast HeatRisk

None Low Mod High Very High



Thursday's Forecast HeatRisk

None Low Mod High Very High

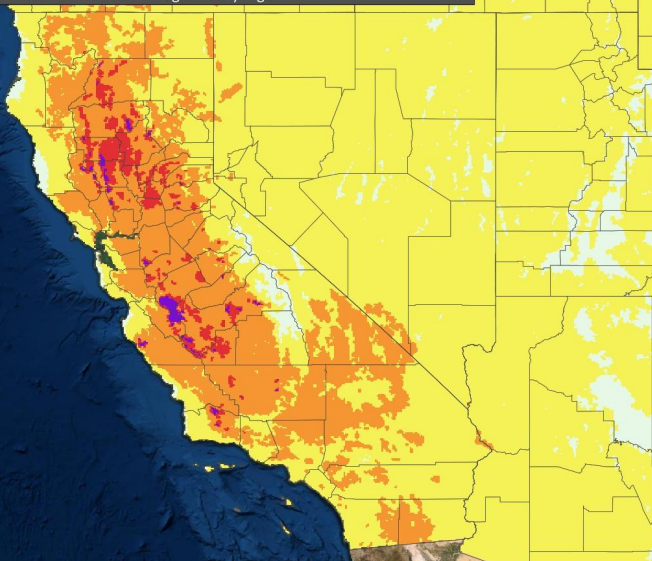


Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

Friday's Forecast HeatRisk

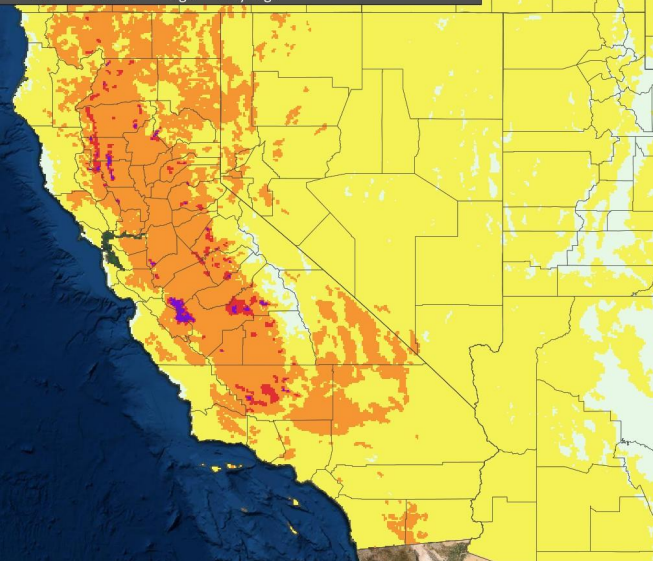
None Low Mod High Very High



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Global Systems Laboratory

Saturday's Forecast HeatRisk

None Low Mod High Very High



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Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

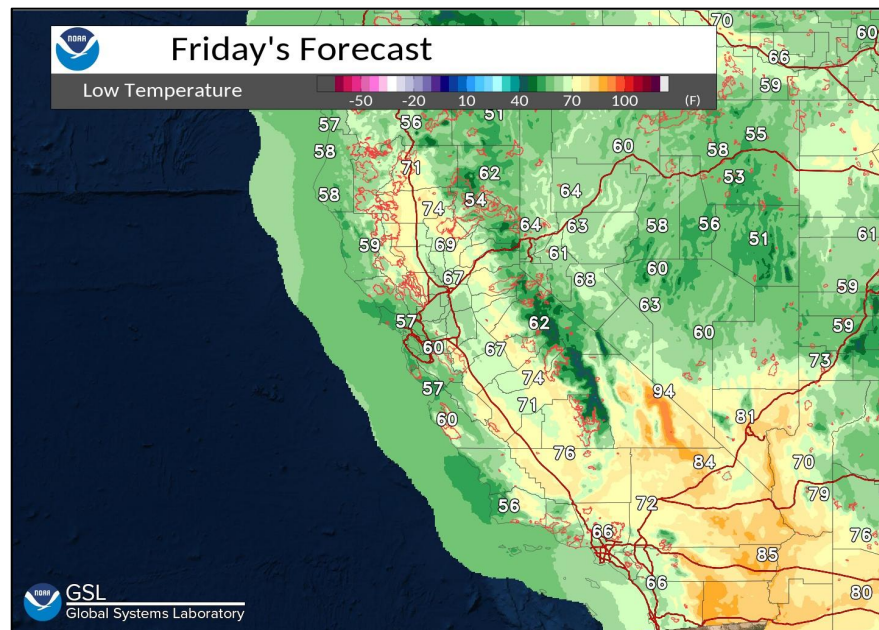
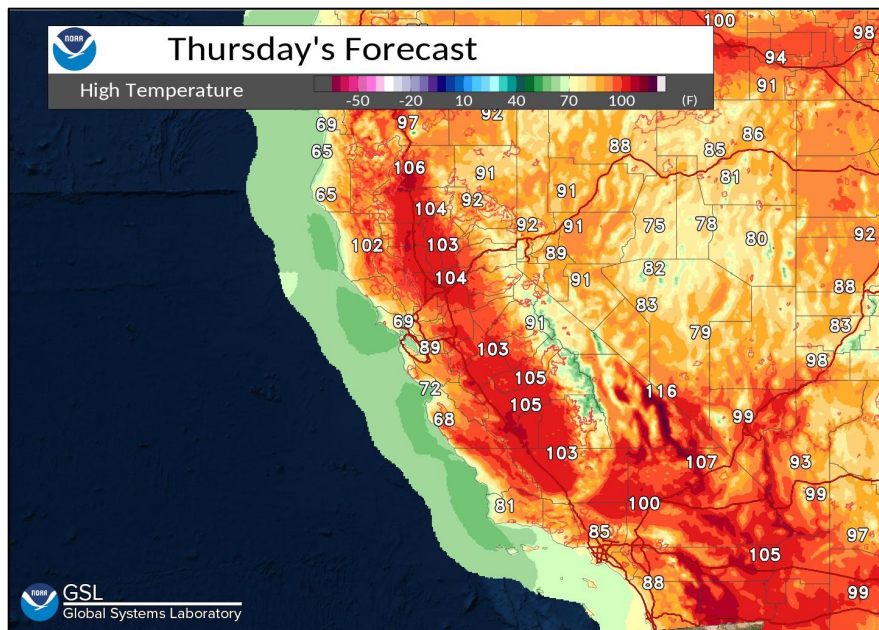
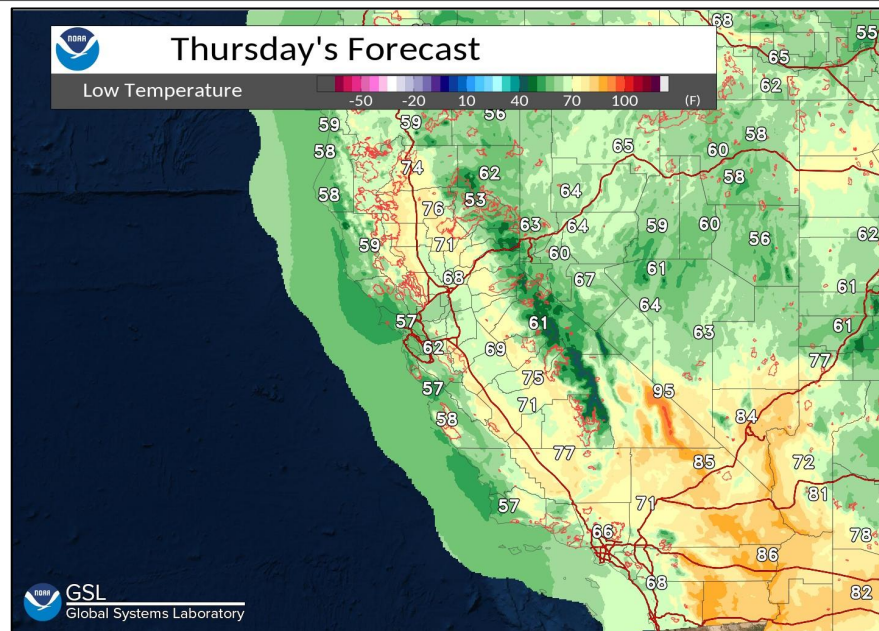
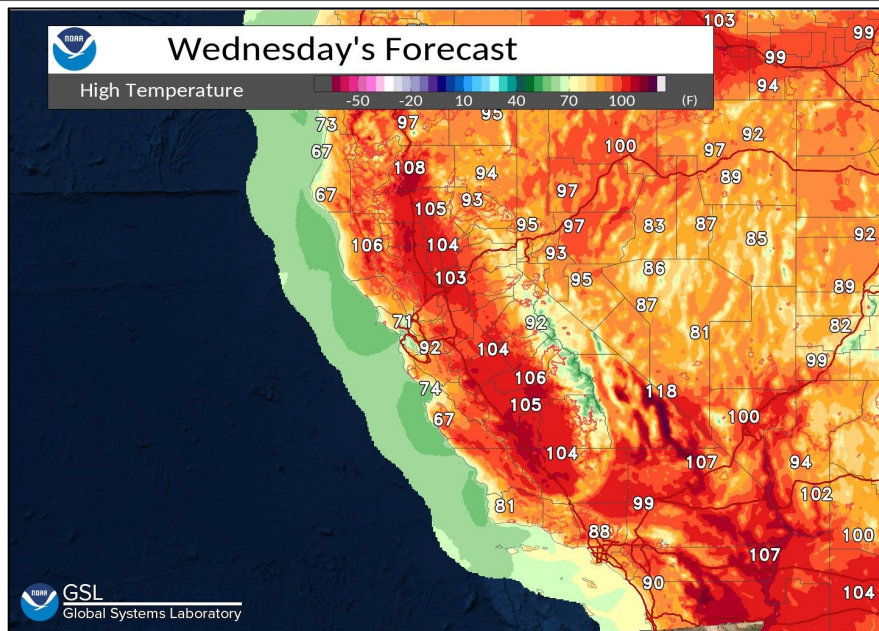


Wed-Thu High/Low Temperatures

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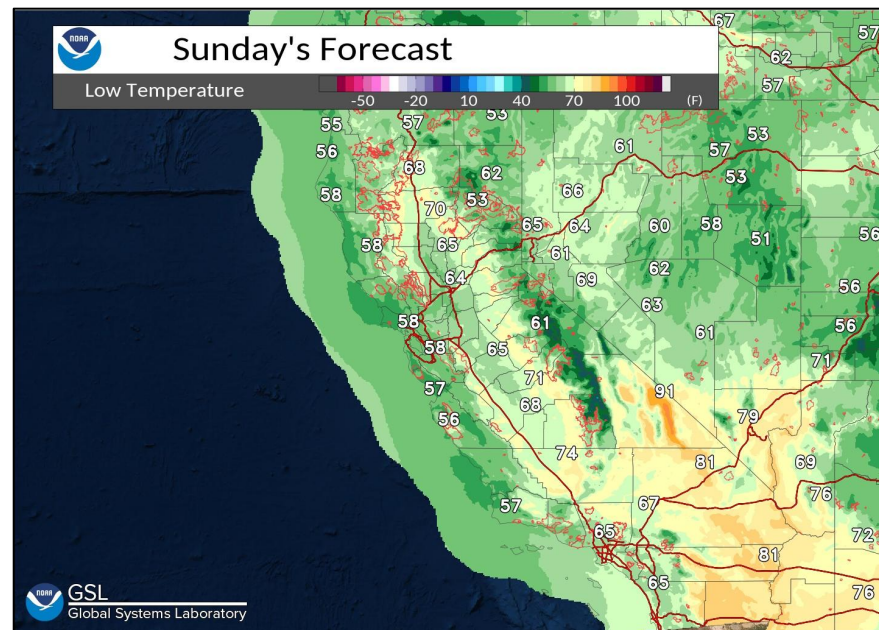
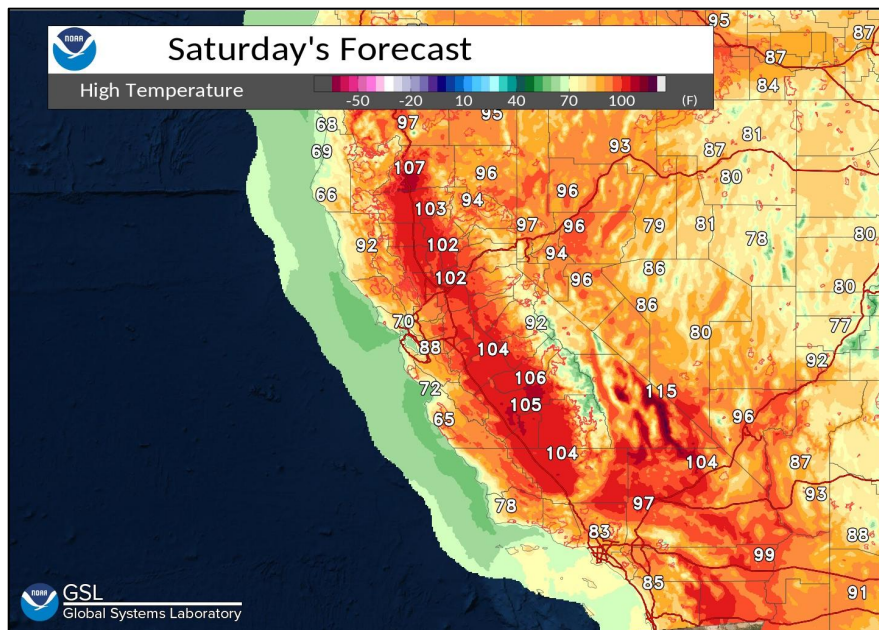
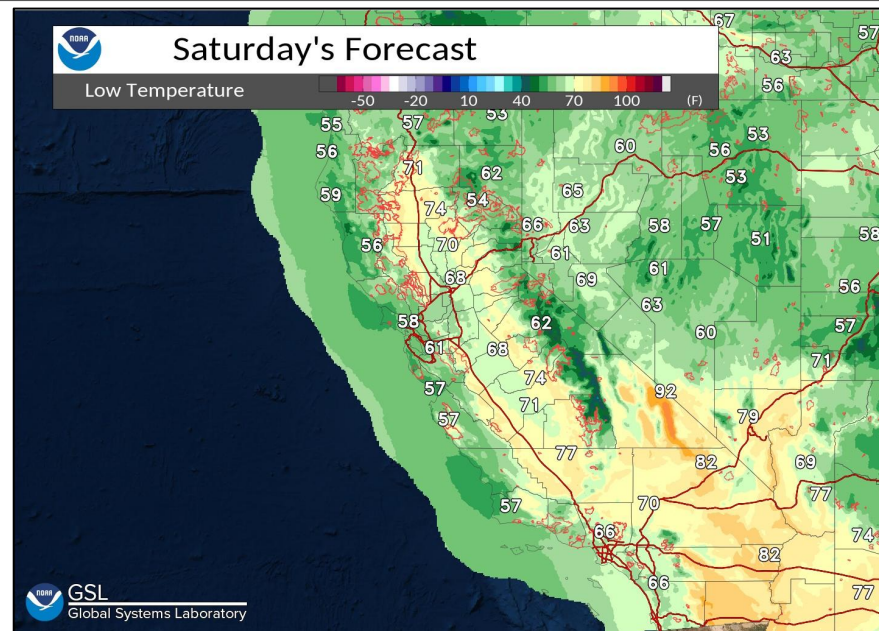
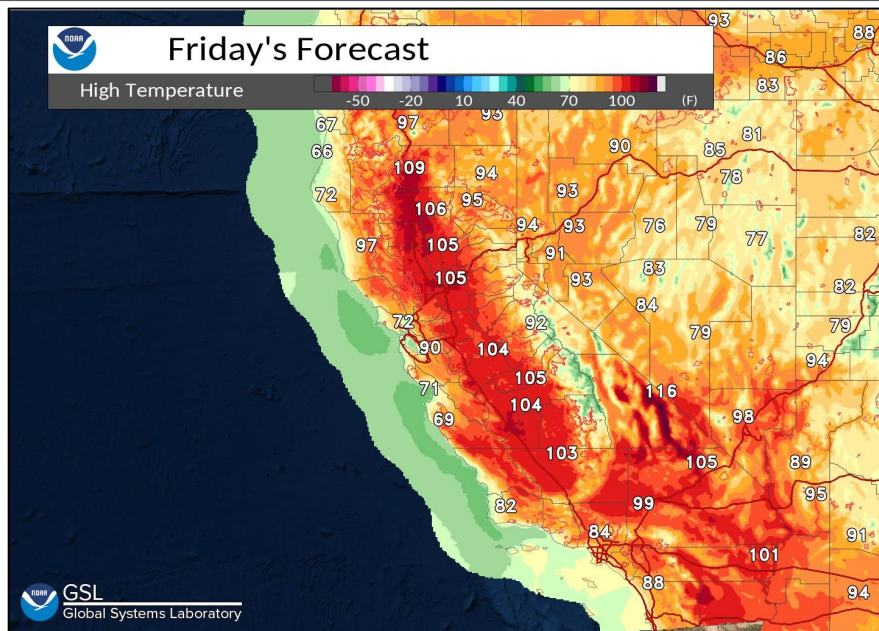


Fri-Sat High/Low Temperatures

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Weather Outlook (6-14 Days)

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6-10 Day Outlook (August 22 – August 26)

Temperatures

- Above normal temperatures are favored for most areas, with the exception of far southeastern California where below normal temperatures are favored

Precipitation

- Above normal precipitation is favored for the southern half of California, with near normal precipitation favored for the remainder of the state

8-14 Day Outlook (August 24 – August 30)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Above normal precipitation is again favored across much of central and southern California, with near normal precipitation favored across the northern California and along the central coast



Risk Assessment Matrix

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Western Region

Wednesday, August 17

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

